Cowbridge Rural District Council

# Environmental Health

IN

# Cowbridge Rural District

1970 - 1972

Annual Report of the
Medical Officer of Health
for
1970, 1971 and 1972

## COWBRIDGE RURAL DISTRICT COUNCIL

### PUBLIC HEALTH DEPARTMENT

N. K. CONTRACTOR
M.R.C.S., L.R.S.P., D.P.H.
Medical Officer of Health

(Also Medical Officer of Health, Cardiff Rural District Council, Cowbridge Municipal Borough and Medical Officer, South-East Division, Glamorgan).

| | |
|---|---|
| Chief Public Health Inspector: | HUBERT THOMAS, F.R.S.H., M.A.P.H.I.<br>Meat and Foods Certificate |
| Deputy Chief Public Health Inspector: | D. GWYN WATKINS, M.R.S.H., M.A.P.H.I.<br>Meat and Foods Certificate |
| Additional Public Health Inspector: | MRS. H.P.PALMER, M.A.P.H.I.<br>From June 1972 |
| Technical Assistant: | PHILIP BATTRICK |
| Clerk/Shorthand Typist: | MRS. O. M. WILLIAMS |
| Clerk/Shorthand Typist: | Mrs. P. Edwards |

| Chairman of the Council | Chairman of Health Committee | |
|---|---|---|
| E. J. Smith | K. Berry | 1970 |
| R.Glyn Thomas | D.C.Thomas | 1971 |
| P.J.Drew | K.Richards | 1972 |

All Councillors are members of the Public Health Committee

To the Chairman and Members of the Cowbridge Rural District Council

Ladies and Gentlemen,

I have pleasure in presenting my Annual Report upon the health and sanitary circumstances of the area for the years 1970 - 1972.

The body of the report contains particulars of matters dealing with social conditions, vital statistics, health services, housing, infectious disease, public cleansing, atmospheric pollution and food hygiene.

Infectious diseases, which some years ago formed a prominent part of public health work, have largely disappeared but we must not be complacent as there is need for vigilance in food hygiene to safeguard against food poisoning. The County Health Department and their staff are energetic in a campaign for dealing with the immunisation of children against diphtheria, measles and whooping cough.

For the years 1970 - 1972, 212 Council houses were completed and 670 houses were built by private enterprise. Discretionary Grants completed totalled 184 and Standard Grants 7.

ACKNOWLEDGMENTS

May I record my thanks to the members of the Council for their support, my colleagues for their co-operation and the members of the staff of my Department for their assistance.

N. K. CONTRACTOR
Medical Officer of Health

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## SOCIAL CONDITIONS

The rural area consists of 28 parishes and covers an area of 64 square miles extending from the Bristol Channel in the South to Tonyrefail in the North.

The principal areas of population in the South are Llantwit Major, Boverton and St. Athan where employment is largely found at the large R.A.F. Station, the C.E.G.B. Power Station in the Leys and the Aberthaw Cement Works. The Central area around the Borough of Cowbridge is developing rapidly and here the new residents are largely employed in professional offices in Cardiff, Bridgend, etc.

In the Northern area the population is largely concentrated at Llanharry where the Council have a very large housing estate, at Llanharan where development is taking place again following an embargo on building for many years due to subsidence from the coal mine which is now closed and at Brynna where fairly large housing estates have been completed and are still in progress.

There are still many residents in the north engaged in coal mining - the only remaining colliery in the area is at Coed Ely - but the number is being reduced annually. Other residents find employment at the Iron Ore Mine at Llanharry, factories in the Coedcae Land area and Trading Estate at Bridgend.

The remainder of the area is agricultural in character but the reorganisation of farms has reduced the number of farm workers. Many of the smaller forms rely on family and casual labour only. The Vale of Glamorgan which is largely within the rural area is very fertile and most farmers are engaged in milk production and/or corn crops. Sheep farming is practiced on the more hilly farms in the northern part of the area.

Mains water is available throughout the area with the exception of a few isolated farms and private houses in the hilly land in Llanharan and Peterston-Super-Montem. These rely on private springs which, due to their isolation, produce a water generally free from contamination.

Municipal sewers are available at Thomastown, Ynysmardy, Llanharan, Brynna and Llanharry in the North, Aberthin and Llanblethian in the centre and at Llantwit Major, Boverton and St. Athan in the South. Council housing schemes at Treoes, Marcross and Ystradowen have small private works.

A combined scheme for the villages of Llandow, Llysworney and Colwinstone is now being installed. Sewage from these villages will be pumped to the enlarged works being constructed at Lake Hill, Cowbridge.

Refuse collection and cesspools are available throughout the area. Almost all houses have electricity.

## STATISTICS OF THE AREA

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| Area (in acres) | 40,020 | 40,020 | 40,020 |
| Total Population | 23,720 | 25,200 | 25,240 |
| Number of Houses occupied | 6,289 | 6,577 | 6,952 |
| Rateable Value | £1,083,514 | £1,102,195 | £1,297,872 |

## EXTRACTS FROM VITAL STATISTICS OF THE YEAR

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| **BIRTH RATE per 1,000 population (corrected)** | | | |
| Birth Rate for Cowbridge Rural area | 21.2 | 17.6 | 14.2 |
| Birth Rate for England and Wales | 16.0 | 16.0 | 14.8 |
| Birth Rate for Administrative County of Glamorgan | 16.6 | 17.0 | 15.7 |
| Birth Rate for Rural Districts of Glamorgan | 18.0 | 17.5 | 15.1 |
| **DEATH RATE per 1,000 population (corrected)** | | | |
| Death Rate for Cowbridge Rural Area | 13.1 | 12.9 | 11.4 |
| Death Rate for England and Wales | 11.7 | 11.6 | 12.1 |
| Death Rate for Administrative County of Glamorgan | 14.1 | 13.9 | 13.5 |
| Death Rate for Rural Districts of Glamorgan | 13.0 | 12.4 | 12.2 |
| **STILL BIRTHS** | | | |
| Still births and deaths under one week per 1,000 live births | 35.0 | 23.0 | 16.0 |
| **DEATH RATE of Infants under 1 year of age** | | | |
| All infants per 1,000 births | 18.0 | 8.0 | 5.0 |

## CAUSES OF DEATH AT ALL AGES DURING 1970

| | |
|---|---|
| Tuberculosis of Respiratory System | 1 |
| Malignant Neoplasm, Oesophagus | 1 |
| Malignant Neoplasm, Stomach | 8 |
| Malignant Neoplasm, Intestine | 2 |
| Malignant Neoplasm, Lung, Bronchus | 7 |
| Malignant Neoplasm, Breast | 5 |
| Malignant Neoplasm, Prostate | 1 |
| Leukaemia | 1 |
| Other Malignant Neoplasms | 7 |
| Diabetes Mellitus | 3 |
| Other Diseases of Blood, etc. | 1 |
| Other Diseases of Nervous System | 3 |
| Chronic Rheumatic Heart Disease | 2 |
| Hypertensive Disease | 3 |
| Ischaemic Heart Disease | 41 |
| Other forms of Heart Disease | 7 |
| Cerebrovascular | 26 |
| Other Diseases of Circulatory System | 5 |
| Influenza | 5 |
| Pneumonia | 9 |
| Bronchitis & Emphysema | 5 |
| Other Diseases of Respiratory System | 2 |
| Peptic Ulcer | 1 |
| Other Diseases of Digestive System | 4 |
| Nephritis and Nephrosis | 3 |
| Diseases of Musculo-Skeletal System | 1 |
| Congenital Anomalies | 4 |
| Birth Injury, Difficult Labour, etc. | 3 |
| Other causes of Peri-Natal Mortality | 1 |
| Symptons and ill-defined conditions | 1 |
| Motor Vehicle Accidents | 8 |
| All other Accidents | 3 |
| Suicide and Self-inflicted Injuries | 2 |
| All other external injuries | 1 |
| TOTAL ALL CAUSES | 177 |

## CAUSES OF DEATH 1972

| | Male | Female | Total |
|---|---|---|---|
| Other infective and parasitic diseases | 1 | - | 1 |
| Malignant Neoplasm, Buccal Cavity, etc. | 1 | - | 1 |
| Malignant Neoplasm, Oesophagus | 1 | - | 1 |
| Malignant Neoplasm, Stomach | 3 | 1 | 4 |
| Malignant Neoplasm, Intestine | 3 | 3 | 6 |
| Malignant Neoplasm, Lung, Bronchus | 10 | - | 10 |
| Malignant Neoplasm, Breast | - | 3 | 3 |
| Malignant Neoplasm, Uterus | - | 3 | 3 |
| Malignant Neoplasm, Prostate | 1 | - | 1 |
| Leukamia | 1 | - | 1 |
| Other Malignant Neoplasms | 4 | 4 | 8 |
| Diabetes Mellitus | 1 | 1 | 2 |
| Other Endocrine etc. diseases | - | 1 | 1 |
| Anaemias | - | 1 | 1 |
| Chronic Rheumatic Heart Disease | - | 3 | 3 |
| Hypertensive Disease | 1 | 1 | 2 |
| Ischaemic Heart Disease | 41 | 18 | 59 |
| Other forms of Heart Disease | - | 3 | 3 |
| Cerebrovascular Disease | 9 | 18 | 27 |
| Other diseases of Circulatory System | 1 | 4 | 5 |
| Pneumonia | 6 | 6 | 12 |
| Bronchitis and Emphysema | 10 | 3 | 13 |
| Other diseases of Respiratory System | 1 | 1 | 2 |
| Nephritis and Nephrosis | 1 | - | 1 |
| Other diseases, Genito-Urinary System | 1 | - | 1 |
| Diseases of Musculo-Skeletal System | - | 1 | 1 |
| Congenital Anomalies | 3 | 1 | 4 |
| Birth Injury, Difficult Labour, etc. | 1 | - | 1 |
| Symptoms and Ill defined conditions | - | 1 | 1 |
| Motor vehicle accidents | 2 | 1 | 3 |
| All other accidents | 1 | 2 | 3 |
| Suicide and Self-inflicted injuries | 2 | - | 2 |
| TOTAL ALL CAUSES | 106 | 80 | 186 |

## CAUSES OF DEATH 1972

| | Male | Female | Total |
|---|---|---|---|
| Malignant Neoplasm, Buccal Cavity | 1 | 1 | 2 |
| Malignant Neoplasm, Stomach | 3 | 4 | 7 |
| Malignant Neoplasm, Intestine | 4 | 1 | 5 |
| Malignant Neoplasm, Lung, Bronchus | 7 | 1 | 8 |
| Malignant Neoplasm, Prostate | 1 | | 1 |
| Leukaemia | 2 | - | 2 |
| Other Malignant Neoplasms | 5 | 4 | 9 |
| Benign and Unspecified Neoplasms | - | 2 | 2 |
| Other Endocrine etc. diseases | - | 1 | 1 |
| Other diseases of Nervous System | 1 | 1 | 2 |
| Chronic Rheumatic Heart disease | 1 | 2 | 3 |
| Hypertensive Disease | 2 | 1 | 3 |
| Ischaemic Heart Disease | 32 | 21 | 53 |
| Other forms of Heart Disease | 2 | 2 | 4 |
| Cerebrovascular Disease | 10 | 9 | 19 |
| Other diseases of Circulatory system | 2 | 3 | 5 |
| Pneumonia | 6 | 2 | 8 |
| Bronchitis and Emphysema | 7 | - | 7 |
| Other diseases of Respiratory system | 2 | - | 2 |
| Peptic Ulcer | 1 | - | 1 |
| Intestinal Obstruction & Hernia | 1 | 1 | 2 |
| Cirrhosis of Liver | 1 | 1 | 2 |
| Other Diseases of Digestive System | - | 2 | 2 |
| Other Diseases Genito-urinary system | 1 | - | 1 |
| Other complications of Pregnancy, etc. | - | 1 | 1 |
| Congenital Anomalies | 1 | - | 1 |
| Birth Injury, Difficult Labour, etc. | 1 | - | 1 |
| Motor Vehicle Accidents | 10 | 2 | 12 |
| All other Accidents | - | 1 | 1 |
| Total all causes | 104 | 63 | 167 |

## GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

### Laboratory Facilities

Pathological specimens are examined at the Ministry of Health's Laboratory, The Heath Hospital, Cardiff. Chemical analysis is conducted by the Cardiff and County Public Health Laboratory at The Parade, Cardiff.

### Treatment Centres

| DISEASE | CLINIC |
|---|---|
| Tuberculosis | (a) Chest Clinic, Nolton Street, Bridgend<br>(b) Chest Clinic, Court House St, Pontypridd<br>(c) Chest Clinic, 20, Cathedral Road, Cardiff |
| Venereal Diseases | (a) Central Homes, Court House St. Pontypridd<br>(b) Public Health Offices, Woodlands Road, Barry. |

### Hospitals

(a) General Hospitals

The majority of patients from this Area needing medical or surgical attention are admitted to:-

1. The Bridgend General Hospital, Quarella Road, Bridgend.
2. Cardiff Royal Infirmary.
3. University Hospital of Wales, The Heath, Cardiff.
4. Llandough Hospital, Nr. Cardiff.
5. Sully Chest Hospital.
6. Children's Ear, Nose and Throat Hospital, Ely.
7. Barry Accident Hospital.
8. East Glamorgan Hospital, Church Village.

Admissions are, however, made to other Hospitals in the South Wales Region as and when the special need arises.

(b) Orthopaedic Hospitals

Orthopaedic cases may receive treatment at the Prince of Wales Hospital, The Parade, Cardiff. In-patients are treated at Rhydlafar Hospital.

(c) Infectious Cases

Cases are usually admitted to the Isolation Hospital, Blackmill, near Bridgend, but under the regionalisation of Hospitals, patients are occasionally admitted to Infectious Disease Hospitals in other localities, e.g., Lansdowne Hospital, Cardiff.

Ambulance Facilities

The Area Ambulance Services are administered from the Ambulance Control Centre, Hawthorn, Pontypridd, the telephone number of which is Pontypridd 3327.

In addition to the vehicles at the Ambulance Control Station, two ambulances are stationed at the Ambulance Sub-Station, Fire Station, Cowbridge.

## BIRTHS

The number of Births and the Birth Rates in the District and England and Wales for the past ten years is shown in the following table:-

| Year | Births | Birth Rate for Area | Birth Rate for England and Wales |
|---|---|---|---|
| 1963 | 388 | 20.58 | 18.2 |
| 1964 | 370 | 19.38 | 18.4 |
| 1965 | 405 | 20.08 | 18.0 |
| 1966 | 374 | 18.82 | 17.7 |
| 1967 | 394 | 19.30 | 17.2 |
| 1968 | 363 | 18.40 | 16.9 |
| 1969 | 401 | 19.80 | 16.3 |
| 1970 | 441 | 21.2 | 16.0 |
| 1971 | 387 | 17.6 | 16.0 |
| 1972 | 367 | 14.2 | 14.8 |

## DEATH RATE

| Year | Cowbridge R.D. | England and Wales |
|---|---|---|
| 1963 | 14.06 | 12.2 |
| 1964 | 13.48 | 11.3 |
| 1965 | 12.15 | 11.5 |
| 1966 | 12.80 | 11.7 |
| 1967 | 11.57 | 11.2 |
| 1968 | 13.00 | 11.9 |
| 1969 | 11.40 | 11.9 |
| 1970 | 13.1 | 11.7 |
| 1971 | 12.9 | 11.6 |
| 1972 | 11.4 | 12.1 |

| | | Estimated Population 1970 | No. of Live Births | Rate per 1,000 population | | Ratio of local adjusted rate to national rate | No. of Deaths | Deaths Rate per 1,000 population | | Rate of local adjusted death rate to national rate |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Crude | Adjusted | | | Crude | Adjusted | |
| England and Wales | | 48,987,700 | 784,482 | 16.0 | 16.0 | 1.00 | 575,208 | 11.7 | 11.7 | 1.00 |
| Administrative County | | 748,190 | 12,083 | 16.1 | 16.6 | 1.04 | 9,319 | 12.5 | 14.1 | 1.21 |
| Urban Districts | | 523,700 | 8,138 | 15.5 | 16.0 | 1.00 | 6,719 | 12.8 | 14.5 | 1.24 |
| Rural Districts | | 224,490 | 3,945 | 17.6 | 18.0 | 1.12 | 2,600 | 11.6 | 13.0 | 1.11 |
| Health Division | Constituent Districts | | | | | | | | | |
| Aberdare and Mountain Ash | Aberdare Urban | 38,250 | 652 | 17.0 | 18.5 | 1.16 | 575 | 15.0 | 15.2 | 1.29 |
| | Mt.Ash Urban | 28,420 | 458 | 16.1 | 16.1 | 1.01 | 357 | 12.6 | 15.0 | 1.28 |
| Caerphilly and Gelligaer | Caerphilly Urban | 40,550 | 804 | 19.8 | 19.4 | 1.21 | 404 | 10.0 | 12.5 | 1.07 |
| | Gelligaer Urban | 34,420 | 556 | 16.2 | 16.2 | 1.01 | 419 | 12.2 | 15.4 | 1.31 |
| Mid-Glamorgan | Bridgend Urban | 15,170 | 197 | 13.0 | 13.4 | 0.84 | 204 | 13.4 | 14.6 | 1.25 |
| | Maesteg Urban | 21,220 | 401 | 18.9 | 19.7 | 1.23 | 271 | 12.8 | 15.9 | 1.36 |
| | Ogmore & Garw Urban | 20,120 | 390 | 19.4 | 20.0 | 1.25 | 305 | 15.2 | 18.4 | 1.57 |
| | Porthcawl Urban | 13,640 | 188 | 13.8 | 16.3 | 1.02 | 216 | 15.8 | 12.6 | 1.08 |
| | Penybont Rural | 50,530 | 1,004 | 19.9 | 19.1 | 1.19 | 656 | 13.0 | 11.8 | 1.01 |
| Neath & District | Neath M.B. | 29,470 | 380 | 12.9 | 13.4 | 0.84 | 396 | 13.4 | 14.5 | 1.24 |
| | Neath Rural | 40,390 | 568 | 14.1 | 14.7 | 0.92 | 534 | 13.2 | 15.4 | 1.32 |
| Pontypridd and Llantrisant | Llantrisant Rural | 34,270 | 747 | 21.8 | 22.5 | 1.40 | 306 | 8.9 | 11.9 | 1.02 |
| | Pontypridd Urban | 35,040 | 531 | 15.2 | 15.5 | 0.97 | 451 | 12.9 | 13.3 | 1.14 |
| Port Talbot and Glyncorrwg | Glyncorrwg Urban | 9,330 | 146 | 15.6 | 15.1 | 0.95 | 115 | 12.3 | 18.1 | 1.55 |
| | Port Talbot M.B. | 51,000 | 699 | 13.7 | 13.6 | 0.85 | 570 | 11.2 | 15.0 | 1.28 |
| South East Glamorgan | Barry M.B. | 42,370 | 652 | 15.4 | 15.9 | 0.99 | 503 | 11.9 | 12.9 | 1.10 |
| | Cardiff Rural | 29,810 | 570 | 19.1 | 17.6 | 1.10 | 304 | 10.2 | 10.8 | 0.92 |
| | Cowbridge M.B. | 1,500 | 40 | 26.7 | 26.4 | 1.65 | 22 | 14.7 | 16.9 | 1.44 |
| | Cowbridge Rural | 23,720 | 441 | 18.6 | 21.2 | 1.33 | 177 | 7.5 | 13.1 | 1.12 |
| | Penarth Urban | 23,200 | 339 | 14.6 | 15.8 | 0.99 | 271 | 11.7 | 11.0 | 0.94 |
| West Glamorgan | Gower Rural | 16,350 | 232 | 14.2 | 14.9 | 0.93 | 187 | 11.4 | 12.4 | 1.06 |
| | Llwchwr Urban | 26,000 | 419 | 16.1 | 17.2 | 1.08 | 329 | 12.7 | 13.8 | 1.18 |
| | Pontardawe Rural | 29,420 | 383 | 13.0 | 14.7 | 0.92 | 436 | 14.8 | 15.1 | 1.29 |
| Rhondda M.B. | | 94,000 | 1,286 | 13.7 | 14.1 | 0.88 | 1,311 | 13.9 | 15.4 | 1.32 |

# GLAMORGAN ADMINISTRATIVE COUNTY VITAL STATISTICS 1971

| | | Population | | Live Births | | | Ratio of local adjusted rate to national rate | Deaths | | | Ratio of local adjusted death rate to national rate |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Census 1961 | Estimated 1971 | No. of Live Births | Rate per 1,000 Population | | | No. of Deaths | Rate per 1,000 Population | | |
| | | | | | Crude | Adjusted | | | Crude | Adjusted | |
| England and Wales | | - | 4881-5000 | 783165 | 16.0 | 16.0 | 1.00 | 567345 | 11.6 | 11.6 | 1.00 |
| Administrative County | | 746785 | 749760 | 12376 | 16.5 | 17.0 | 1.06 | 9257 | 12.3 | 13.9 | 1.20 |
| Urban Districts | | 524719 | 513980 | 8317 | 16.2 | 16.7 | 1.04 | 6647 | 12.9 | 14.6 | 1.26 |
| Rural Districts | | 222066 | 235780 | 4059 | 17.2 | 17.5 | 1.10 | 2610 | 11.1 | 12.4 | 1.07 |
| Health Division | Constituent Dist. | | | | | | | | | | |
| Aberdare and Mountain Ash | Aberdare Urban | 39155 | 37780 | 625 | 16.5 | 18.0 | 1.12 | 541 | 14.3 | 14.4 | 1.25 |
| | Mt. Ash Urban | 29575 | 27800 | 459 | 16.5 | 16.5 | 1.03 | 367 | 13.2 | 15.7 | 1.35 |
| Caerphilly and Gelligaer | Caerphilly Urban | 35997 | 40750 | 818 | 20.1 | 19.7 | 1.23 | 424 | 10.4 | 13.0 | 1.12 |
| | Gelligaer Urban | 34656 | 33710 | 601 | 17.8 | 17.8 | 1.11 | 424 | 12.6 | 15.9 | 1.37 |
| Mid-Glamorgan | Bridgend Urban | 15174 | 14640 | 222 | 15.2 | 15.7 | .98 | 162 | 11.1 | 12.1 | 1.04 |
| | Maesteg Urban | 21625 | 20920 | 418 | 20.0 | 20.8 | 1.30 | 296 | 14.1 | 17.5 | 1.51 |
| | Ogmore & Garw Urban | 20985 | 19520 | 337 | 17.3 | 17.8 | 1.11 | 232 | 11.9 | 14.4 | 1.24 |
| | Porthcawl Urban | 11086 | 13930 | 226 | 16.2 | 19.1 | 1.19 | 219 | 15.7 | 12.6 | 1.08 |
| | Penybont Rural | 42104 | 54030 | 1051 | 19.5 | 18.7 | 1.17 | 650 | 12.0 | 10.9 | .94 |
| Neath & District | Neath M.B. | 30935 | 28210 | 365 | 12.9 | 13.4 | .84 | 388 | 13.8 | 14.9 | 1.28 |
| | Neath Rural | 40870 | 40830 | 598 | 14.6 | 15.2 | .95 | 547 | 13.4 | 15.7 | 1.35 |
| Pontypridd and Llantrisant | Llantrisant Rural | 27109 | 36780 | 814 | 22.1 | 22.8 | 1.42 | 323 | 8.8 | 11.8 | 1.02 |
| | Pontypridd Urban | 35494 | 34530 | 516 | 14.9 | 15.2 | .95 | 461 | 13.4 | 13.8 | 1.19 |
| Port Talbot & Glyncorrwg | Glyncorrwg Urban | 9368 | 8610 | 154 | 17.9 | 17.4 | 1.09 | 83 | 9.6 | 14.1 | 1.22 |
| | Port Talbot M.B. | 51322 | 50310 | 674 | 13.4 | 13.3 | .83 | 622 | 12.4 | 16.6 | 1.43 |
| South East Glamorgan | Barry M.B. | 42084 | 41910 | 701 | 16.7 | 17.2 | 1.08 | 494 | 11.8 | 12.7 | 1.10 |
| | Cardiff Rural | 49884 | 33060 | 578 | 17.5 | 16.1 | 1.01 | 322 | 9.7 | 10.3 | .89 |
| | Cowbridge M.B. | 1067 | 1290 | 37 | 28.7 | 28.4 | 1.78 | 24 | 18.6 | 21.4 | 1.84 |
| | Cowbridge Rural | 18756 | 25200 | 387 | 15.4 | 17.6 | 1.10 | 186 | 7.4 | 12.9 | 1.11 |
| | Penarth Urban | 20896 | 24160 | 362 | 15.0 | 16.2 | 1.01 | 302 | 12.5 | 11.8 | 1.01 |
| West Glamorgan | Gower Rural | 12656 | 16370 | 248 | 15.1 | 15.9 | .99 | 177 | 10.8 | 11.8 | 1.01 |
| | Llwchwr Urban | 25013 | 26920 | 407 | 15.1 | 16.2 | 1.01 | 344 | 12.8 | 14.0 | 1.20 |
| | Pontardawe Rural | 30687 | 29510 | 383 | 13.0 | 14.7 | .92 | 405 | 13.7 | 14.0 | 1.20 |
| Rhondda M.B. | | 100287 | 88990 | 1395 | 15.7 | 16.2 | 1.01 | 1264 | 14.2 | 15.8 | 1.36 |

GLAMORGAN ADMINISTRATIVE COUNTY VITAL STATISTICS 1972
(REGISTRAR GENERAL)

| | | Estimated Population 1972 | Live Births | | | Ratio of local adjusted rate to national rate | Deaths | | | Ratio of local adjusted rate to national rate |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number | Rate/1,000 Population | | | Number | Rate/1,000 Population | | |
| | | | | Crude | Adjusted | | | Crude | Adjusted | |
| England and Wales | | 49,028,900 | 725405 | 14.8 | 14.8 | 1.00 | 591,907 | 12.1 | 12.1 | 1.00 |
| Administrative County | | 753,290 | 11439 | 15.2 | 15.7 | 1.06 | 9346 | 12.4 | 13.5 | 1.12 |
| Urban Districts | | 513,890 | 7694 | 15.0 | 15.9 | 1.07 | 6802 | 13.2 | 13.9 | 1.15 |
| Rural Districts | | 239,400 | 3745 | 15.6 | 15.1 | 1.02 | 2544 | 10.6 | 12.2 | 1.01 |
| Health Division | Constituent Dist. | | | | | | | | | |
| Aberdare and Mountain Ash | Aberdare Urban | 37,760 | 585 | 15.5 | 16.7 | 1.13 | 562 | 14.9 | 14.0 | 1.16 |
| | Mountain Ash Urban | 27,770 | 456 | 16.4 | 18.0 | 1.22 | 370 | 13.3 | 15.0 | 1.24 |
| Caerphilly and Gelligaer | Caerphilly Urban | 41,480 | 802 | 19.3 | 17.6 | 1.19 | 408 | 9.8 | 12.6 | 1.04 |
| | Gelligaer Urban | 33,790 | 571 | 16.9 | 16.9 | 1.14 | 450 | 13.3 | 16.1 | 1.33 |
| Mid-Glamorgan | Bridgend Urban | 14,460 | 215 | 14.9 | 17.3 | 1.17 | 189 | 13.1 | 12.4 | 1.03 |
| | Maesteg Urban | 20,940 | 359 | 17.1 | 17.6 | 1.19 | 269 | 12.8 | 14.7 | 1.22 |
| | Ogmore & Garw Urban | 19,740 | 295 | 14.9 | 16.7 | 1.13 | 274 | 13.9 | 15.4 | 1.28 |
| | Porthcawl Urban | 14,260 | 172 | 12.1 | 14.3 | 0.96 | 190 | 13.3 | 10.9 | 0.90 |
| | Penybont Rural | 54,970 | 912 | 16.6 | 15.6 | 1.05 | 631 | 11.5 | 11.8 | 0.98 |
| Neath & District | Neath M.B. | 27,890 | 349 | 12.5 | 14.1 | 0.95 | 434 | 15.6 | 15.0 | 1.24 |
| | Neath Rural | 40,760 | 564 | 13.8 | 14.8 | 1.00 | 551 | 13.5 | 14.3 | 1.18 |
| Pontypridd & Llantrisant | Llantrisant Rural | 37,800 | 816 | 21.6 | 18.1 | 1.23 | 334 | 8.8 | 12.7 | 1.05 |
| | Pontypridd Urban | 34,390 | 515 | 15.0 | 15.6 | 1.05 | 505 | 14.7 | 14.3 | 1.18 |
| Port Talbot & Glyncorrwg | Glyncorrwg Urban | 8,500 | 135 | 15.9 | 16.9 | 1.14 | 127 | 14.9 | 18.9 | 1.56 |
| | Port Talbot M.B. | 50,360 | 612 | 12.2 | 13.2 | 0.89 | 582 | 11.6 | 13.8 | 1.14 |
| South East Glamorgan | Barry M.B. | 41,880 | 625 | 14.9 | 15.5 | 1.05 | 502 | 12.0 | 12.0 | 0.99 |
| | Cardiff Rural | 34,200 | 494 | 14.4 | 13.4 | 0.90 | 296 | 8.7 | 10.2 | 0.84 |
| | Cowbridge M.B. | 1,310 | 39 | 29.8 | 27.4 | 1.85 | 18 | 13.7 | 10.1 | 0.84 |
| | Cowbridge Rural | 25,240 | 367 | 14.5 | 14.2 | 0.96 | 167 | 6.6 | 11.4 | 0.94 |
| | Penarth Urban | 23,640 | 338 | 14.3 | 14.6 | 0.99 | 338 | 14.3 | 13.7 | 1.13 |
| West Glamorgan | Gower Rural | 16,830 | 209 | 12.4 | 12.8 | 0.86 | 177 | 10.5 | 11.0 | 0.91 |
| | Llwchwr Urban | 27,270 | 380 | 13.9 | 14.3 | 0.97 | 290 | 10.6 | 11.1 | 0.92 |
| | Pontardawe Rural | 29,600 | 383 | 12.9 | 14.7 | 0.99 | 388 | 13.1 | 12.2 | 1.01 |
| Rhondda | Rhondda M.B. | 88,450 | 1246 | 14.1 | 15.8 | 1.07 | 1,294 | 14.6 | 14.7 | 1.22 |

## AGES OF DEATH IN THE AREA

| Age Group | 1970 Male | 1970 Female | 1970 Total | 1971 Male | 1971 Female | 1971 Total | 1972 Male | 1972 Female | 1972 Total |
|---|---|---|---|---|---|---|---|---|---|
| Under 4 weeks | | | | 2 | 0 | 2 | | 1 | 1 |
| 4 weeks - 1 year | | | | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 - 4 years | | | | 0 | 0 | 0 | 0 | 1 | 1 |
| 5 - 14 years | | | | 2 | 0 | 2 | 3 | 1 | 4 |
| 15-24 years | | | | 2 | 2 | 4 | 7 | 1 | 8 |
| 25-34 years | | | | 1 | 0 | 1 | 4 | 2 | 6 |
| 35-44 years | | | | 3 | 5 | 8 | 3 | 2 | 5 |
| 45-54 years | | | | 10 | 7 | 17 | 6 | 2 | 8 |
| 55-64 years | | | | 27 | 7 | 34 | 6 | 24 | 30 |
| 65-74 years | | | | 31 | 20 | 51 | 29 | 19 | 48 |
| 75 and over | | | | 27 | 39 | 66 | 27 | 28 | 55 |
| TOTAL | | | 177 | 106 | 80 | 186 | 86 | 81 | 167 |
| Percentage of deaths over 65 years of age | | * | | 55 | 74 | | 65 | 58 | 61 % |

* It is regretted that a break-down of the total of 177 for 1970 was unavailable at the time of printing.

## INCIDENCE OF NOTIFIABLE DISEASES

| | 1970 | 1971 | 1972 | TOTAL |
|---|---|---|---|---|
| Measles | 114 | 94 | 120 | 308 |
| Whooping Cough | - | - | - | - |
| Scarlet Fever | 1 | 1 | - | 2 |
| Pneumonia | - | - | - | - |
| Dysentery | - | 1 | - | 1 |
| Salmanella | 2 | - | - | 2 |
| Maleria | - | - | - | - |
| Lymphocytic Menengitis | - | - | - | - |
| Pneumo Menengitis | - | - | - | - |
| Infective Hepatitis | 7 | 1 | 1 | 9 |

# TUBERCULOSIS

## New Cases and Mortality

| Age Periods | 1970 Respiratory M. | 1970 Respiratory F. | 1970 Non Respiratory M. | 1970 Non Respiratory F. | 1971 Respiratory M. | 1971 Respiratory F. | 1971 Non Respiratory M. | 1971 Non Respiratory F. | 1972 Respiratory M. | 1972 Respiratory F. | 1972 Non Respiratory M. | 1972 Non Respiratory F. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 1 | | | | | | | | | | | | |
| 1 - 5 | | | | | | | | | | | | |
| 5 - 15 | | | 1 | | | | | | | | | |
| 15 - 25 | 2 | | | | | 1 | | | | | | |
| 25 - 35 | | | | | | | | | 1 | | | |
| 35 - 45 | 1 | | | | | | | | | | | |
| 45 - 55 | 1 | | | 1 | | | | | | | | |
| 55 - 65 | | 1 | | | | | | | | | | |
| Over 65 | 1 | | | | | | | | | | | |
| TOTALS | 5 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |

There were no deaths due to tuberculosis

## SUMMARY OF NON-PULMONARY CASES OF TUBERCULOSIS

| Location | 1970 | | | 1971 | | | 1972 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Peripheral Glands | 2 | 2 | 4 | 2 | 2 | 4 | 2 | 2 | 4 |
| Cervical Glands | | 1 | | | 1 | | | 1 | |
| Knee Joint | | 1 | | | 1 | | | 1 | |
| Hilum Glands | | 2 | | | 2 | | | 2 | |
| Abdominal Glands | | 1 | | | 1 | | | 1 | |
| Fallopean Tubes | | 1 | | | 1 | | | 1 | |
| Meninges | | | | | | | | | |
| TOTAL | 2 | 8 | 4 | 2 | 8 | 4 | 2 | 8 | 4 |

Cases of Tuberculosis in Parishes at 31st December, 1972

| | MALES | | | | | | FEMALES | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pulmonary | | | Non-Pulmonary | | | Pulmonary | | | Non-Pulmonary | | |
| | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 |
| St. Andrews Minor | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Athan | 3 | 3 | 3 | - | - | - | 4 | 5 | 5 | 1 | 1 | 1 |
| Colwinstone | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Donats | - | - | - | - | - | - | - | - | - | - | - | - |
| Eglwys Brewis | - | - | - | - | - | - | - | - | - | - | - | - |
| Flemingstone | - | - | - | - | - | - | - | - | - | 2 | 2 | 2 |
| Gileston | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Hilary | - | - | - | - | - | - | - | - | - | - | - | - |
| Llanblethian | 3 | 3 | 3 | - | - | - | 3 | 3 | 3 | 1 | 1 | 1 |
| Llandow | - | - | - | - | - | - | 1 | 1 | 1 | - | - | - |
| Llanfair | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - |
| Llangan | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Llanharan | 6 | 5 | 3 | 1 | - | - | 3 | 3 | 2 | 1 | 1 | 1 |
| Llanharry | - | - | 1 | 1 | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| Llanilid | - | - | - | - | - | - | - | - | - | - | - | - |
| Llanmaes | - | - | - | - | - | - | 1 | 1 | 1 | - | - | - |
| Llanmihangel | - | - | - | - | - | - | - | - | - | - | - | - |
| Llansannor | 2 | 2 | 2 | - | - | - | - | - | - | - | - | - |
| Llantwit Major | 6 | 4 | 4 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 |
| Llysworney | - | - | - | - | - | - | - | - | - | - | - | - |
| Marcross | - | - | - | - | - | - | 1 | 1 | 1 | - | - | - |
| St.Mary Hill | - | - | - | - | - | - | - | - | - | - | - | - |
| Monknash | - | - | - | - | - | - | - | - | - | - | - | - |
| Nash | - | - | - | - | - | - | - | - | - | - | - | - |
| Penllyne | 1 | 1 | - | - | - | - | - | - | - | - | - | - |
| Peterston-s-Montem | 5 | 5 | 4 | - | - | - | 3 | 3 | 2 | - | - | - |
| Stembridge | - | - | - | - | - | - | - | - | - | - | - | - |
| Ystradowen | 2 | 2 | 2 | - | - | - | - | - | - | - | - | - |
| TOTALS | 30 | 26 | 23 | 4 | 2 | 2 | 21 | 20 | 18 | 8 | 8 | 8 |

INCIDENCE OF RESPIRATORY TUBERCULOSIS OVER THE YEARS 1962-1972

| Age Periods in Years | 1962 | | 1963 | | 1964 | | 1965 | | 1966 | | 1967 | | 1968 | | 1969 | | 1970 | | 1971 | | 1972 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| Under 1 | | | | | | | | | | | | | | | | | | | | | | |
| 1 - 5 | | | | | | | | 1 | | | | | | | | | | | | | | |
| 5 - 15 | | | | 1 | | | | | | | 1 | | | | | | | | | | | |
| 15 - 25 | 1 | 1 | | | | | 1 | 1 | | | | | | | | 1 | 2 | | | 1 | | |
| 25 - 35 | | 1 | | | | | 2 | | | 2 | | | | | | | | | | | 1 | |
| 35 - 45 | 1 | | | | | 1 | | 2 | 2 | | 2 | | | | | | 1 | | | | | |
| 45 - 55 | | | | | 1 | 1 | | | 1 | | | | | | | | 1 | | | | | |
| 55 - 65 | 2 | | | | 2 | | 1 | | 2 | | 3 | | 1 | | 3 | | | 1 | | | | |
| Over 65 | 1 | | | | 1 | | 1 | | | | 1 | 1 | | | | | 1 | | | | | |
| TOTALS | 5 | 2 | - | 1 | 4 | 2 | 5 | 4 | 5 | 2 | 7 | 1 | 1 | - | 3 | 1 | 5 | 1 | - | 1 | 1 | - |

CHIEF PUBLIC HEALTH INSPECTOR'S SECTION

## WATER SUPPLY

### Rainfall for 1970 - 1972

| | 1970 | | 1971 | | 1972 | |
|---|---|---|---|---|---|---|
| | Llanharan | St.Athan | Llanharan | St.Athan | Llanharan | St.Athan |
| January | 182.88 | 148.84 | 199.90 | 107.90 | 140.80 | 153.50 |
| February | 149.86 | 93.47 | 46.90 | 22.50 | 124.80 | 54.70 |
| March | 89.66 | 43.94 | 68.70 | 73.70 | 90.00 | 54.40 |
| April | 117.09 | 38.86 | 73.90 | 64.40 | 93.30 | 62.30 |
| May | 37.34 | 29.71 | 46.80 | 33.30 | 144.80 | 106.50 |
| June | 105.16 | 48.51 | 159.00 | 129.30 | 100.10 | 64.60 |
| July | 124.46 | 67.56 | 38.00 | 90.50 | 36.60 | 60.70 |
| August | 73.15 | 91.90 | 183.90 | 280.80 | 51.50 | 20.10 |
| September | 118.62 | 105.92 | 33.56 | 12.10 | 56.40 | 45.70 |
| October | 127.00 | 83.57 | 133.50 | 154.10 | 47.70 | 21.80 |
| November | 308.36 | 227.08 | 122.77 | 108.30 | 159.50 | 143.20 |
| December | 100.33 | 42.16 | 51.74 | 35.90 | 188.10 | 53.30 |
| TOTAL | 1533.91mm | 1021.52mm | 1158.67mm | 1112.80mm | 1233.60mm | 840.80mm |

All figures quoted refer to millimetres.

### WATER SUPPLY

The statutory water undertakers for the area are the Mid-Glamorgan Water Board who have distributed mains throughout the area with the exception of a small area in the Llanharan-Laneley area and for which schemes are now under consideration.

There is no critical shortage of water during the period under review and all the samples taken both bacteriological and chemical have indicated supplies both wholesome and potable.

The number of houses and the population supplied by mains water is shown in the main body of the report and the improvements made to the supplies at Colwinston and St. Hilary during 1969 have certainly been successful.

### SWIMMING BATHS

There are no public swimming baths in the area but members of the public are admitted to the swimming pool at the Atlantic College, St.Donats, on certain weekends during the summer months.

Advisory visits are made to the above and also to the private swimming pool at the Boys Village, St.Athan.

Regular visits were made to both these pools when they were in use and on the spot chlorination tests made. Both these pools are well maintained and in all cases the tests proved to be satisfactory.

## EXAMINATION OF WATER 1970 - 1972

Bacteriological Examination.

a. MAINS SUPPLY

| | |
|---|---|
| 1970 | 30 |
| 1971 | 54 |
| 1972 | 13 |

b. WELLS AND SPRINGS

| | |
|---|---|
| 1970 | 16 |
| 1971 | 6 |
| 1972 | 5 |

c. CHEMICAL ANALYSIS

| | |
|---|---|
| 1970 | 10 |
| 1971 | 5 |
| 1972 | 1 |

1970 The only sample of "unsatisfactory" water found was at Shirley Lodge Springs.

1971 Llandow Brook and Llysworney Well were found to contain "unsatisfactory" water.

1972 Llanbadfach, Brynna, was found to be of an "unsatisfactory" content.

FOOD HYGIENE (GENERAL) REGULATIONS 1960

Number of food premises in the area -

| | |
|---|---|
| Grocers | 44 |
| Confectioners | 8 |
| Bakers | 1 |
| Fish and Chip Shops | 5 |
| Cafes, Canteens | 20 |
| Works Canteens | 9 |
| Works Messrooms | 12 |
| School Canteens | 15 |
| Cinemas | Nil |
| Holiday Camps | 2 |
| Butchers | 7 |
| TOTAL | 123 |

Food Hygiene (General) Regulations 1960 - Prosecutions

In the Autumn 1972 the Council instituted proceedings against a nationally known company for contravention of the above regulations. At the Cowbridge Magistrates Court the Company pleaded guilty to nine charges of contravening the above regulations and were fined a total of £25.

## MEAT AND FOOD

Slaughterhouse Act, 1958

One slaughterhouse is licensed in the area and four slaughtermen's licences were issued during the period under review. Slaughtering is carried out on two or three days a week. Skins and other waste products are stored in a building separate from the slaughter hall and are removed on the day of killing or the following day.

Meat Inspection Regulations 1963

All animals killed at the Registered Slaughterhouse were inspected and marked in accordance with the above Regulations, and a full charge made for such inspection. A summary of the carcases inspected is shown in the report.

(a) MEAT INSPECTION

| | 1970 | | | | | 1971 | | | | | 1972 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cattle excluding Cows | Cows | Calves | Sheep and Lambs | Pigs | Cattle excluding Cows | Cows | Calves | Sheep and | Pigs | Cattle excluding Cows | Cows | Calves | Sheep and Lambs | Pigs |
| Number killed | 111 | Nil | Nil | 625 | 220 | 101 | Nil | Nil | 549 | 161 | 74 | Nil | 2 | 690 | 30 |
| Number not inspected | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI | | | | | | | | | | | | | | | |
| Whole carcases condemned | Nil | Nil | Nil | Nil | Nil | 1 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Carcases of which part or organ was condemned | 29 | Nil | Nil | 64 | 16 | 20 | Nil | Nil | | 3 | 17 | Nil | Nil | 63 | Nil |
| TUBERCULOSIS ONLY | | | | | | | | | | | | | | | |
| Whole carcases condemned | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Carcases of which some part or organ was condemned | Nil | Nil | Nil | Nil | 2 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | 1 |
| CYSTICERCI | | | | | | | | | | | | | | | |
| Carcases of which some part or organ was condemned | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Carcases submitted to refrigeration | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Generalised and totally condemned | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |

(b) MEAT SPECIMENS EXAMINED

UNSOUND FOOD SURRENDERED OR CONDEMNED

| | 1970 | | 1971 | | 1972 | |
|---|---|---|---|---|---|---|
| | tons | lbs | tons | lbs | tons | lbs |
| Meat at Slaughterhouse | | 353 | | 234 | | 258 |
| Meat at Wholesale premises | 12 | 611 | 11 | 488 | | 1132 |
| Meat at Retail shops | | 16 | | 28 | | 191 |
| Cooked meat and Meat products | | 1113 | | 917 | | 1788 |
| Canned meats | | 295 | | 380 | | 56 |
| Other canned foods | | Nil | | Nil | | 9 |
| Fish (fresh) | | Nil | | Nil | | Nil |
| Fruit and Vegetables (fresh) | | 231 | | 238 | | 1549 |
| Other foods | 5 | 825 | 6 | 2016 | | 278 |
| TOTAL | 18 | 2169 | 19 | 1357 | 1 | 1490 |
| Number of prosecutions under Section 2 | None | | None | | None | |
| Number of prosecutions under Section 8 | None | | None | | None | |
| Total number of Fines | None | | None | | None | |

## SAMPLES OF OTHER FOODS FOR BACTERIOLOGICAL EXAMINATION

| Sample | 1970 Number Taken | 1970 Number Unsatisfactory | 1971 Number Taken | 1971 Number Unsatisfactory | 1972 Number Taken | 1972 Number Unsatisfactory |
|---|---|---|---|---|---|---|
| Sausages (all types) | 18 | Nil | 25 | Nil | 25 | Nil |
| Meat Pies | 4 | Nil | 13 | Nil | 7 | Nil |
| Sliced meat | 2 | Nil | 6 | Nil | 3 | 1 |
| Gellatine | 4 | Nil | 5 | Nil | 4 | Nil |
| Chicken | 6 | 1 | 6 | Nil | 15 | 4 |
| Milk | 28 | 5 | 18 | 3 | 3 | Nil |

## ICE-CREAM (HEAT TREATMENT) REGULATIONS

There are no Ice Cream producers in the area at the present time. In my last report, I stated that one producer only was using the complete cold mix method of production, but this producer has now ceased to operate.

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| Number of retailers | 64 | 68 | 69 |
| Number of producers on our register | 64 | 68 | 66 |

The results of samples taken are set out below:-

| Provisional Grade | Provisional Classification | Number of Samples 1970 | 1971 | 1972 |
|---|---|---|---|---|
| 1 | Satisfactory | 2 | 16 | 9 |
| 2 | Fairly Satisfactory | - | 6 | - |
| 3 | Unsatisfactory | - | 1 | - |
| 4 | Very unsatisfactory | - | - | - |

## PERCENTAGE OF SAMPLES IN COWBRIDGE RURAL AREA

| Provisional Grade | 1960 | 1964 | 1966 | 1968 | 1970 | 1971 | 1972 |
|---|---|---|---|---|---|---|---|
| 1 | 94.6 | 87.5 | 80.8 | 94.3 | 100 | 72.7 | 100 |
| 2 | 2.7 | 12.5 | 9.6 | 5.7 | - | 27.3 | - |
| 3 | 2.7 | - | 7.7 | - | - | - | - |
| 4 | - | - | 1.9 | - | - | - | - |

## FOOD AND DRUG ACT (SECTION 16) 1955

Registration of premises for the preparation or manufacture of sausages or potted pressed and preserved foods

A total of ten premises are now registered with the Council under the provisions of the above Act. The largest premises of course, is the large food production premises at Lanelay. This Company has now been in production for the past five years and expansion plans have been submitted each year. Production of food at these premises necessitates regular visits by our officers to ensure that proper hygiene standards are being observed. In the main, the factory manufactures sausages, pies, cooked meats, while bacon and meat are prepared for the retail trade.

In addition to this large manufacturing factory, regular visits are made to the smaller businesses throughout the district.

### Milk

The number of producer/retailers has continued to decrease. Only seven such retailers now operate within the Rural District. However, the total number of distributors registered is twenty-one.

Samples of milk are taken from producer/retailers of untreated milk for Brucella Abortus.

The results of samples were as follows:-

(a) BRUCELLA ABORTUS

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| Samples taken | 24 | 18 | 13 |
| Samples giving positive ring tests | - | - | - |
| Samples giving positive cultures | - | - | - |

(b) BACTERIOLOGICAL EXAMINATION

1970 - 28 Samples were taken. 23 were satisfactory

1971 - 18 Samples were taken. 16 were satisfactory

1972 - 16 Samples were taken. 14 were satisfactory

## OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963

### (a) REGISTRATION AND GENERAL INSPECTION

| | Number of premises registered during the year | | | Number of registered premises at end of year | | | Number of registered premises receiving a general inspection during the year | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 |
| Offices | - | - | 3 | 25 | 25 | 28 | 8 | 16 | 20 |
| Retail Shops | 2 | 1 | 12 | 44 | 45 | 57 | 39 | 43 | 50 |
| Wholesale Shops, Warehouses | - | - | 1 | 9 | 9 | 10 | 9 | 5 | 7 |
| Catering establishments open to the public | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 |
| Fuel Storage Depots | 1 | - | - | 6 | 6 | 6 | 2 | 2 | 2 |
| TOTALS | 3 | 1 | 16 | 100 | 101 | 117 | 74 | 82 | 95 |

Total number of visits of all kinds by Inspectors to Registered Premises under the Act

| | |
|---|---|
| 1970 | 142 |
| 1971 | 127 |
| 1972 | 103 |

(b) ANALYSIS OF CONTRAVENTIONS

| SECTION 1 | Number of Contraventions Found 1970 | 1971 | 1972 |
|---|---|---|---|
| 4. Cleanliness | 2 | 1 | 2 |
| 5. Overcrowding | - | - | - |
| 6. Temperature | - | 3 | 1 |
| 7. Ventilation | - | - | - |
| 8. Lighting | 3 | - | 4 |
| 9. Sanitary Conveniences | - | - | 1 |
| 10. Washing Facilities | 1 | - | 3 |
| 11. Supply of Drinking Water | - | - | - |
| 12. Clothing Accommodation | 4 | - | 2 |
| 13. Sitting Facilities | - | - | - |
| 14. Seats (Sedentary Workers) | - | 1 | - |
| 15. Eating Facilities | - | - | - |
| 16. Floor, Passage & Stairs | - | 1 | - |
| 17. Fencing Exposed Parts of machinery | - | - | - |
| 18. Protection of Young Persons working at dangerous machinery | - | - | - |
| 19. Training of Young Persons working at dangerous machinery | - | - | - |
| 23. Prohibition of Heavy Work | - | - | - |
| 24. First Aid | - | 3 | 2 |
| Other Matters | 5 | 1 | 1 |
| TOTAL | 15 | 10 | 16 |

(c) PROSECUTIONS

| | Number of Prosecutions | Number of Convictions |
|---|---|---|
| 1970 | Nil | Nil |
| 1971 | Nil | Nil |
| 1972 | Nil | Nil |

(d) REPORTED ACCIDENTS

| Workplace | Number Fatal 1970-1972 | Reported Non-Fatal 1970 | 1971 | 1972 | Total Investigated 1970 | 1971 | 1972 | Prosecution 1970 | 1971 | 1972 | Formal Warning 1970-1972 | Informal Advice 1970 | 1971 | 1972 | No Action 1970-1972 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Offices | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Retail Shops | - | - | 1 | - | - | 1 | - | - | - | - | - | - | 1 | - | - |
| Wholesale Shops Warehouses | - | 2 | 2 | 4 | 2 | 2 | 4 | - | - | - | - | - | - | - | - |
| Catering Establishments, open to the public, canteens | - | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| Fuel storage depots | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTALS | - | 3 | 4 | 4 | 3 | 4 | 4 | - | - | - | - | - | - | - | - |

## ANALYSIS OF REPORTED ACCIDENTS

| | Wholesale Warehouses | | | Catering Establishments open to public, canteens | | | Fuel Storage Depot | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 |
| Machinery | - | - | - | - | - | - | - | - | - |
| Transport | - | - | - | - | - | - | - | - | - |
| Falls of persons | - | - | 2 | - | - | - | - | - | - |
| Stepping on or striking against an object or person | - | - | 1 | - | - | - | - | - | - |
| Handling goods | 1 | 1 | 1 | - | - | - | - | - | - |
| Struck by falling object | - | - | - | - | - | - | - | - | - |
| Fires & explosions | - | - | - | - | - | - | - | - | - |
| Electricity | - | - | - | - | - | - | - | - | - |
| Use of hand tools | 1 | 1 | - | - | - | - | - | - | - |
| Not otherwise specified | - | - | - | 1 | 1 | - | - | - | - |

SCRAP METAL DEALERS ACT

Eight premises are registered by the Council.

MEALS ON WHEELS

The Council have operated a Meals on Wheels service now for the past seven years. At the present time meals are delivered on two days in each week and since the inception of the scheme the number of recipients has gradually increased hence the total number of meals delivered now exceeds 7,500 per annum. Delivery of these meals is organised by the Local W.R.V.S. Personnel, who apart from delivering the meals give a great deal of pleasure to all the elderly folk with whom they come in touch. In many cases they are the only contact with the outside world and they do a great deal of good work on the social and welfare side apart from undertaking meals deliveries. The Area Organiser Mrs. P.Jewell, who arranges the rotas of volunteers, has dedicated the major portion of her time to running the Meals on Wheels Service for the Council since its inception. Despite difficulties over arranging rotas I can recollect no occasion on which the delivery of meals has been delayed in this respect.

Meals are delivered primarily in the mini van which is provided and maintained by the Council but on other occasions additional transport owned by the Volunteer W.R.V.S. drivers is provided. A small charge of 7½p is made for the meals, the deficit is made up by the District Council and the Glamorgan County Council. In addition to the normal delivery of meals, the District Council have undertaken during the period the delivery of a Christmas Dinner, free of charge, to all recipients of the normal Meals on Wheels Service.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

Three premises are registered by the Council under the above Act.

DEAD ANIMALS ON THE FORESHORE

Periodically, the Council are informed by the Coastguard of the existence of carcasses washed up on the beach within the area and arrangements are made for their disposal. Similarly, dead animals found on the highway are the responsibility of the District Council.

NATIONAL ASSISTANCE ACT, 1948, etc.

There have been no National Assistance Act complications under Section 47 of the 1948 Act to the Magistrates, for the removal of persons living alone in the area during the period under review. I am very pleased to be able to report in this vein that in my view this is one of the most difficult sections of the Acts for the Council to operate. Since there were no cases in the area during the period under review, I believe it reflects well on the Welfare Services operating in the area, that all elderly persons who were in such a state of health that they had to be institutionalised were persuaded to do so voluntarily.

EXPLOSIVES ACT 1875/1923

The District Council are now only responsible for the registration of premises used for the sale of fireworks, etc. Registrations were as follows:-

| | |
|---|---|
| 1970 | 14 |
| 1971 | 7 |
| 1972 | 5 |

PETROLEUM

During the period under review all licensed premises have been visited by our Council's officers. Details of licensed properties are as follows:-

| | |
|---|---|
| 1970 | 36 |
| 1971 | 41 |
| 1972 | 38 |

CINEMAS

Since my last report the only licensed cinema in the area viz., Llantwit Major has been demolished and the site used in conjunction with the local shopping development.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1970

Residential Sites

There are three permanent residential sites within the District. These sites are situated at Castleton Farm, St. Athan, Millands, Llanmaes and Ham Manor Caravan Site, Llantwit Major. In addition to this there were during the period a total of four individual residential sites licensed and there are three holiday sites which are licensed to a total of 78 caravans.

Referring initially to the residential caravan sites and in the first instance to Ham Manor, Llantwit Major, I am pleased to say that it is regarded by the Council of the Caravan Club as one of the top sites in the whole of Great Britain. All the individual caravans are provided with connections to the various services, the general lay out and amenities both in the caravans and on the site is second to none. The majority of occupiers living in the caravans are elderly retired persons, many of whom come from the Midlands. The individual caravans are provided with all amenities including bathrooms, water closets and main water supply.

All these facilities are connected to the public sewer and a supply of electricity is connected and laid into each caravan.

The other two residential sites at St.Athan and Llanmaes, do not come up to the standard previously described, but during the period under review a certain amount of improvements have been made to these sites, particularly to the site at Millands Farm, Llanmaes.

The three holiday sites continued to operate during the period under review and all were conducted in a satisfactory manner.

Remarks

The improvement mentioned in my previous report on the type of caravan used primarily on the residential sites in the area has continued to be apparent, and in particular on the Ham Manor Site, the caravans resemble miniature bungalows more than caravans and this type of structure has appeared on both the other residential sites at Castleton and Llanmaes.

## NOISE ABATEMENT ACT 1960

During the period under review a continued monitoring of the noise levels in the vicinity of an engineering factory in the northern part of the District has been carried out. I must stress that at all times I have received the full co-operation of the management and from time to time the remedial matters recommended by me have been carried out without delay. During the latter part of 1972 a larger Digep Hammer was installed at the works and agreed modifications to the factory walls were undertaken prior to the hammer being brought into use. The situation around this factory with modern residential developments being built in such close proximity is obviously difficult to control, but at the present time, I can report that the management are taking every precaution to prevent nuisance from noise arising in this area.

There have been no other major noise sources giving rise to complaint but continued vigilance was exercised over the work at the National Coal Board Open Cast Site at Llanharan. The main source of noise arising from this site was due to the Dump Trucks travelling to and from the tipping area. However, after informal approach, these noise levels were kept within acceptable limits.

Specific details of the complaints received and investigated during the period under review are given below:-

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| Total No. of Complaints Received | 6 | 4 | 3 |
| Total No. Investigated | 6 | 4 | 3 |

SECTION 1

| | Industrial | | | Commercial | | | Domestic | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1970 | 71 | 72 | 1970 | 71 | 72 | 1970 | 71 | 72 | 1970 | 71 | 72 |
| No. of Nuisances confirmed | 2 | 1 | 3 | - | | | - | | | 2 | 1 | 3 |
| No. of Nuisances remedied formally | 2 | 1 | - | - | | | - | | | 2 | 1 | - |
| No. of Abatement notices under Section 1 | Nil | | | Nil | | | Nil | | | Nil | | |
| No. of Nuisance Orders under Section 1 | Nil | | | Nil | | | Nil | | | Nil | | |

## RATS AND MICE

The Council continued to operate a free disinfestation service to private landlords throughout the District.

One Rodent Operator who is supplied with a van, undertakes all the necessary work on private, agricultural and where necessary business premises. In the main Warfarin is used and during the period under review there have been no indications that rodents in this area are becoming resistent to this type of poison bait.

The public sewers at Llantwit Major and St. Athan were treated with Fluoracetamide. The services of a private contractor were called upon in this case and in both cases the treatment proved most effective.

Specific details of properties treated and visits made during the period under review are given below:-

Rats and Mice

| | Non-Agricultural | | | Agricultural | | |
|---|---|---|---|---|---|---|
| | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 |
| No. of properties investigated following notification | 368 | 320 | 348 | 12 | 3 | 5 |
| No. infested by rats | 329 | 282 | 285 | 12 | 3 | 5 |
| No. infested by mice | 29 | 38 | 63 | Nil | Nil | Nil |

AGRICULTURAL NUISANCES

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| Number of farms in area | 330 | 330 | 330 |
| Number of intensive type farms | 19 | 21 | 23 |
| Number of farms where nuisances have arisen | 2 | 6 | 5 |
| Analysis of nuisances: | | | |
| (a) Disposal of waste | 1 | 4 | 4 |
| (b) Insanitary methods | 1 | 1 | 1 |
| (c) Noise | - | 1 | - |
| Action taken; | | | |
| (a) Under Public Health Act | 2 | 4 | 4 |
| (b) Noise Abatement Act | - | 1 | - |

HOUSING

Number of Houses occupied since December, 1959:

| | |
|---|---|
| 1960 | 16 |
| 1961 | 32 |
| 1962 | 36 |
| 1963 | 6 |
| 1964 | 24 |
| 1965 | 64 |
| 1966 | 126 |
| 1967 | 80 |
| 1968 | Nil |
| 1969 | 60 |
| 1970 | Nil |
| 1971 | 59 |
| 1972 | 173 |

Houses completed by private enterprise and Council:

| | Private | Council | Total |
|---|---|---|---|
| 1970 | 217 | - | 217 |
| 1971 | 229 | 59 | 288 |
| 1972 | 202 | 173 | 375 |

Improvement Grants

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| Number of Discretionary Grants approved | 65 | 75 | 85 |
| Number of Standard Grants approved | 7 | 6 | 3 |

Slum Clearance

As I stated in my previous report the Council's Slum Clearance programme has been virtually completed. There now remains only a small number of individual properties to be dealt with. During the years under review a number of these were in fact brought to the attention of the Council and dealt with in the appropriate manner. Specific details are set out below:-

| | 1970 | 1971 | 1972 |
|---|---|---|---|
| (a) Houses condemned or demolished as a result of individual Dwelling & Closing Order | 2 | 4 | 3 |
| (b) Number of people rehoused as a result of the above. | 1 | 3 | 1 |

Council's Housing Programme

During the period under review the Council gave detailed consideration to balancing the Estates throughout the area. In many cases there was a lack of small units of accommodation and accommodation for the elderly. As a result of these investigations in late 1972 the Council decided to embark upon a scheme for providing sheltered accommodation for the first time. Sites were earmarked at Llantwit Major, Llanharry and Brynna and the preliminary work undertaken by the Council's Surveyor Mr. Howard Thomas, culminated in these projects being commenced in 1973.

Housing Act 1969 - 1971 - General Improvement Area

I outlined in my previous report the Improvement Areas designated by the Council at Llantwit Major and Brynna. The work on these projects was undertaken under the provisions of the 1964 Housing Act. However, in 1969 a new Housing Act empowered all Local Authorities to designate areas General Improvement Areas. This enabled the Council to obtain an Exchequer Grant for expenditure incurred in improving the environment around substandard housing areas. The first area to be designated under the above provisions was Pembroke Street, Thomastown. An area consisting of 67 houses many of which lacked essential modern amenities. Welsh Office approval to the scheme was obtained and it is anticipated that in 1973 extensive improvements will be undertaken to the back lanes, street lighting, play area and the turning circle at the easterly end of the street. In addition, Welsh Office permission has been sought to paint all the rear walls in an effort to brighten up the area. A local Street Committee has been formed and the members are co-operating with your officers in an effort to ensure that the Exchequer Grant monies are spent in a manner agreed by the residents and to the best advantage.

## PUBLIC CLEANSING

### (a) Refuse Storage

During the three years under review it has been possible to introduce the plastic sack system of refuse storage into all dwellings within the district.

The original plan to phase the introduction of the system over the period of five years has been undertaken. Undoubtedly because of this and the re-orientation of the refuse collection rounds to co-incide with this scheme, it has been possible to at least control the escalating cost of this service over the period in question.

In addition to the cost consideration, there is no doubt that this method of storage and collection allied with the modern collection vehicles now in the Council's ownership, provides an efficient and hygienic service.

### (b) Refuse Collection

A weekly collection from all domestic premises now operates throughout the whole of the district. However, a twice weekly collection is made of all business premises, food premises and schools. In addition to this the Council collects domestic and some trade refuse from the R.A.F. Station at St.Athan and of course, still undertaking collection of all refuse from the Cowbridge Borough Council who pay the costs involved.

During the period, a system whereby the Council have undertaken to collect odd items such as cookers, refrigerators or other household furniture has escalated to such an extent that a special vehicle was purchased to undertake the work. During 1972 a total of 630 such collections was made and I consider that the purchase of the van and the undertaking of this special service contributes to some extent to the prevention of indiscriminate dumping of these articles throughout the Vale.

In order to further supplement this, the Council agreed to the provision of inter-changeable bins in certain localities. In the Llantwit Major area such a bin was provided not only for disused household goods but also for garden refuse. The original site of the bin in the Old Station Yard showed that there was a great need for such a facility, but unfortunately the amenity was abused. A new site was found adjacent to the Council's Works Storage Depot and to date the siting of the bin in this locality has been satisfactory.

(c) Refuse Disposal

Disposal of refuse within the void on the National Coal Board's Open Cast Site at Llanharan and on Llanharry meadow was continued during the period under review. The contractors Messrs. Derek Crouch have been of great assistance to the Council and at the present time the tipping arrangements being operated on the Trecastle site are satisfactory and should provide suitable tipping area for many years to come.

(d) Cesspool Emptying

Although certain parts of the area are being provided with public sewers, the demand for this service continued to increase. At the end of the period under review three 1400 gallon cesspool emptiers and two 3000 gallon tankers were operating regularly within the area.

One of the difficulties encountered is the lack of sites for disposal. At the present time, all sewage has to be carted to the approved disposal point at Aberthaw or to the Llanilid Works. This latter disposal point can only be used for a very short period of time hence, all the vehicles have to travel many unproductive miles to discharge their loads. It is to be hoped that when the improvements to the Lake Hill sewerage works and the Llanilid Works are completed, that suitable points for disposal will be constructed.

(e) Central Garage

The central garage where all vehicles are housed and where the other necessities for running the cleansing service are maintained, continues to be managed by Mr.Cyril Davies, the Council's Cleansing Foreman. At the end of the period under review Mr. Davies, who is past the normal retirement age chose, with the permission of the Council to remain in employment until re-organisation in 1974. His knowledge of the Cleansing Service over the years has been of great value to the Council and his liability has been a great source of satisfaction to me.

The Cleansing fleet is made up of the following:-

| DESCRIPTION OF VEHICLE | MANUFACTURE | TOTAL MILEAGE | | | VEHICLE AT DECEMBER | | |
|---|---|---|---|---|---|---|---|
| | | 1970 | 1971 | 1972 | 1970 | 1971 | 1972 |
| (1) One 14/16 cu.yard Fore & Aft S & D Refuse Collector (Diesel) 645 DTG (scrapped at end of 1971 | 1959 | 13,960 | 13,636 | - | 1,632 | 13,287 | - |
| (2) One AEC Converted Cesspool Emptier (2nd hand) XYP 704 | 1959 | 8,076 Estimated | 11,191 Est. | 10,476 Est. | 20,892 | 23,320 | 360 at 15.7.72 |
| (3) One 35 cu.yard Pakamatic S & D Refuse Collector ANY 102B | 1964 | 11,231 | 12,030 | 9,134 | 15,815 | 27,845 | 36,979 |
| (4) One 50 cu yard Pakamatic S & D Refuse Collector 684 SNY | 1963 | 11,886 | 11,813 | 9,381 | 7,483 | 19,371 | 28,951 |
| (5) One 1400 gallon S & D Cesspool Emptier BTG 172B | 1964 | 14,651 | 11,816 | 15,066 | 86,440 | 99,726 | 5,278 |
| (6) One Dennis Paxi Refuse Collector (2nd Hand) 970 HBE | 1964 | - | - | 10,890 | - | - | 77,720 |
| (7) One 1400 gallon S & D Cesspool Emptier HTX 911D | 1966 | 14,918 | 14,588 | 17,028 | 66,417 | 81,101 | 98,129 |
| (8) One 1400 gallon S & D Emptier RTX 198F | 1968 | 14,304 | 15,658 | 15,672 | 5,206 | 17,523 | 31,292 |
| (9) One 20 cu.yard Fore & Aft S & D Refuse Collector LTX 906E | 1967 | 11,338 | 11,252 | 10,454 | 44,469 | 55,807 | 62,453 |
| (10) One Leyland S & D 3,000 gal. Cesspool Emptier YTG 636H | 1970 | 6,105 | 17,742 | 18,972 | 6,402 | 24,361 | 43,333 |
| (11) One Revopak S & D Refuse Collector HTX 650K | 1972 | - | - | 8,681 | - | - | 7,578 |
| (12) One Ford Transit Van GTG 953K | 1972 | - | - | 9,586 | - | - | 11,277 |

## CLEAN AIR ACT

It has been necessary to set up a Dust Deposit Gauge at Llanharan. Excavations being carried out by the National Coal Board Open Cast Executive have resulted in the on site traffic - bulldozers, dump trucks and the like, giving rise to some atmospheric pollution, particularly during periods of prolonged dry weather. Over the past two years when the gauge has been sited on the Dolau School, there has been no indication of excessive pollution and the results obtained to date are not out of keeping with those obtained nationally.

Continued liaison was maintained with officers of the Alkaline and Factory Inspectorate, particularly in respect of the Central Electricity Board Generating Station at Aberthaw, various quarries in the area and the Aberthaw Cement Works which is in fact situated in the Cardiff Rural District.

A number of applications were received authorising the erection of chimneys of a specific height to new factories within the area and details of the numbers dealt with during the period under review are set out below:-

Industrial

| Furnaces | 1970 | 1971 | 1972 |
|---|---|---|---|
| Application for furnaces granted | 1 | 2 | - |
| **Chimney Heights** | | | |
| Number of applications | 2 | 2 | 3 |
| Number approved | 2 | 2 | 3 |

## DRAINAGE AND SEWERAGE

In accordance with the requirements of Welsh Office Circular No. 5/70 I give general details below of the sewerage and sewage disposal arrangements for the district.

(a) Existing Schemes

Details of the Council's existing schemes are set out below:-

| | |
|---|---|
| Llantwit Major, Boverton and Llanmaes | Combined sea outfall at Llantwit Major. |
| St.Athan and Gileston | Sea outfall at The Leys,St.Athan. |
| Llanharry | Filtration Plant. |
| Llanharan and Brynna | Filtration Plant. |
| Ynysmardy | Filtration Plant. |
| Aberthin and Llanblethian | Combined filtration plant with Cowbridge Borough. |

(b) Llanblethian and Cowbridge Sewage Disposal

In my previous report I outlined the action taken by the Medical Officer of Health and myself, with regard to the improvement of the above Works. Following consultation with the Welsh Office, the Council's Engineer and Surveyor, in conjunction with the Consultants, has prepared a scheme of extensive enlargement to the Works and the provision of sewers to the parishes of Llysworney, Colwinston and Llandow. The proposals are that these villages will be linked to the enlarged Works by means of pumping stations. Work on these projects commenced in 1972.

(c) Llanmaes

As a result of representations made by the Council in conjunction with a local Building Contractor it was possible during the period under review to provide main sewers throughout the parish of Llanmaes. The sewer laid was connected to the Llantwit Major, Boverton scheme and household connections and improvements were being undertaken in the Autumn of 1972.

(d) New Barn, Flemingston

Here again, as a result of representations made by the Council to the Welsh Office a scheme for providing main sewers to some 23 properties at New Barn was finally approved. The contract has now been accepted by the Council and it is anticipated that the sewer will be available for connection early in 1973.

(e) Llanharan Sewage Disposal Works

The scheme for renovating and enlarging these Works has now been produced by the Consulting Engineers and approved by the Council and the Welsh Office. Here again the contract has been given and work will be commenced early in 1973.

(f) Llanmaes Road, Llantwit Major

The drainage from thirteen houses at Fairfield Rise, referred to in my previous report, has now been disconnected from the cesspools and re-connected to the public sewer, by the Council. This has proved to be a really worthwhile undertaking since the houses concerned are in an area of high density and the cesspool emptying arrangements gave rise to a great deal of nuisance.

(g) St.Mary Church

This is a village of thirty-two houses, thirty being drained to cesspools which require constant emptying. The Council's own estate here is drained to a communal cesspool sited on high ground adjoining the public highway, which is liable to overflow causing a nuisance. Twentytwo houses with cesspool drainage have been built here in the past five years.

(h) Llandough

This is a village of thirtysix houses with further house building in progress. Fifteen of the occupied houses have been erected in recent years. Included in this number is a primary school now drained to a private sewage disposal plant. Fortunately, a small development in this locality is being drained to a private sewage disposal plant. However, this Works although of satisfactory design has not received adequate maintenance over the period and I look forward to the time when the drainage from all the houses in Llandough and possibly St.Mary Church and St.Hilary, are connected to the Lake Hill Sewage Works as planned.

(i) St. Hilary

This is a village of some forty-five houses, fifteen being constructed in the last ten years. All are drained to cesspools.

(j) Council Houses

These are well maintained by the Engineer's staff and do not give rise to nuisance or health hazard.